Claims

1. The method of fabricating vanes which are used for directing a fluid comprising the steps of:

i) forming the vanes integrally with a support member made from sacrificial material;

ii) providing side plates;

iii) affixing the vanes to the side plates;

iv) removing the sacrificial material.

2. The method as claimed in claim 1 wherein the vanes are formed in an annulus.

3. The method as claimed in claim 2 wherein the vanes are formed in an annulus and the side plates are formed in a complementary annulus and one set of the vanes are located on the outer diameter of the side plates and the other set of the vanes are formed on the inner diameter of the side plates.

4. The method as claimed in claim 1 wherein the vanes are configured in a linear configuration.

10. The method of fabricating dams of the type that include vanes for an annular combustor for a gas turbine engine comprising the steps of:

i) providing a liner defining an annular combustor;

ii) providing a vane integrally formed to a support member made from a sacrificial material;

iii) providing side plates complementing the vane provided in step ii;

iv) affixing the side plates to the vane obtained in step ii whereby the vane is sandwiched between the side plates;

v) removing the sacrificial material;

vi) affixing the side plates and vanes obtained from step v to the liner.

11. The method as claimed in claim 10 wherein the support member is torroidally shaped and vanes are formed on the outer diameter of the support member and vanes are formed on the inner diameter of the support member.

12. The method as claimed in claim 11 wherein the dams are disposed on the outer diameter of the liner and the inner diameter of the liner.